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| l. <i>9</i> 101 | ER SHEET Patent and Trademark Of 617315 Y \ \S\ \S\ \ |
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| × | s and Trademarks: Please record the attached original documents or copy thereof. |
| Name of conveying party(ies): | 1 |
| Guarionex Morales, Lu You, Richard | |
| Simon S. Chan, Dawn Hopper | Address: One AMD Place |
| Additional name(s) of conveying party(ies) attached? _ Ye | |
| 3. Nature of conveyance: | |
| X_ Assignment Merger | |
| Security Agreement Change of Na | |
| Other | Additional name(s) & address(es) attached? Yes _X_ No |
| Execution Date: 1/29/01 | |
| 4. Application number(s) or patent numb | heceived |
| A. Patent Application No.: Unknown | B. Patent No(s).: MAY 2 9 2001 |
| Title: Methods for Characterizing and I Adverse Effects of Texture of Semicono | Reducing |
| Filed Date: <u>Herewith</u> | al numbers attached?Yes _X_No |
| | ew application, the execution date of the application is: 1/29/01 |
| 5. Name and address of party to whom correspondence concerning document be mailed: | 6. Total Number of applications and patents involved 1 X \$40.00 each |
| | 7. Total fee (37 CFR 3.41)\$ 40.00 |
| Name: Martin C. Fliesler, Esq. | X Check Enclosed |
| Address: Fliesler, Dubb, Meyer & Lo | 8. Fee Authorization. Authorization is given to charg |
| Four Embarcadero Center, Suite | any additional fees or credit any overpayme to Deposit Account No. 06-1325. |
| San Francisco, CA 94111 | Copy. (A duplicate copy of this authorization is ne |
| San Fidicisco, CA 94111 | |
| Telephone: <u>(415) 362-3800</u> | enclosed.) |
| 9. Statement and signature. To the best of my knowledge and belief, copy is a true copy of the original docu | enclosed.) the foregoing information is true and correct and any attached |
| Telephone: (415) 362-3800 9. Statement and signature. To the best of my knowledge and belief, copy is a true copy of the original documents. ABTEN 00000008 09773312 | enclosed.) The foregoing information is true and correct and any attached |
| 9. Statement and signature. To the best of my knowledge and belief, copy is a true copy of the original docu | enclosed.) The foregoing information is true and correct and any attached iment. Surface And Surface 3/,2001 |

JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned Inventors:

| (1) Guarionex Morales | , |
|---|---------------------|
| a resident of 859 Blair Avenue, Apt. 4, Sunnyvale, CA 94087 | ; and |
| | |
| (2) Lu You | |
| a resident of 3655 Pruneridge Ave, Apt. 156, Santa Clara, CA 95051 | ; and |
| (1/1/2005978 Freiar Way, San Jose, CA 95129 | , and |
| (3) Richard J. Huang | |
| a resident of <u>1068 West Hill Court, Cupertino, CA 95014</u> | ; and |
| S. (5.5.5) | |
| (4) SimontChan | |
| a resident of 12603 Miller Avenue, Saratoga, CA 95070 | ; and |
| (5) <u>Dawn Hopper</u> | |
| a resident of 4327 Verdigris Circle, San Jose, CA 95134 | · |
| | RECEIVED |
| have invented certain new and useful improvements in: | MAY 2 9 2001 |
| METHODS FOR CHARACTERIZING AND REDUCING ADVERSE EFFECTS OF TEXTURE OF SEMICONDUCTOR FILMS | OFFICE OF PETITIONS |

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention.

WHEREAS <u>Advanced Micro Devices</u>, <u>Inc.</u> (hereinafter termed "Assignee"), a corporation of the State of <u>Delaware</u>, having a place of business at <u>One AMD Place</u>, <u>Sunnyvale</u>, <u>California</u>, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by each of said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey to said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and

any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

- 2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.
- 3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.
- 4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

| açkno Assig | wledge | TNESS WHEREOF, the said Inventors have executed this instrument on the date of ment before the Notary Public as given below and delivered this instrument to said |
|----------------|-----------------------------------|---|
| 1. | X | On the Date of Execution of Declaration for Patent Application set forth below adjacent to my signature; |
| | Or | |
| 2. | - | Said application having SC/Serial Number/, and filed on the day of, 20 |
| | Date | of Execution of Declaration for Patent Application: |
| | | (1) Guarionex Morales |
| State | of | |
| Count | y of | |
| | On | before me,, (name and title of officer) |
| evider | nally apponce) to be e/she/the | (name and title of officer) eared, personally known to me (or proved to me on the basis of satisfactory the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me y executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) entitle person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. |
| WITNE | ESS my h | and and official seal. |
| Signat | ure | |

| 1. | X | On the Date of Execution of Declaration for Patent Application set forth below adjacent to my signature; |
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| | Or | |
| 2. | - | Said application having SC/Serial Number/, and filed on the day of, 20 |
| | Date o | of Execution of Declaration for Patent Application: 1/29/01 |
| | | (2) Lu You |
| State o | | lifornia |
| County | of On | 1-29-01 before me, WINDNA C. DRANGE, Public, |
| eviden that(he) | ally appe ce) to be to | (name and title of officer) ared U 10U , personally known to me (or proved to me on the basis of satisfactory he person(s) whose name(s) (s)/are subscribed to the within instrument and acknowledged to me executed the same in his/her/their authorized capacity(iss), and that by his/her/their signature(s) at the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. |
| WITNE Signatu | X | WINDNA C. ORANGE Commission # 11279a7 Notary Public — Celifornia Santa Clara County My Comm. Brottes Apr 1, 2001 |
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| 1. | × | On the Date of Execution of Declaration for Patent Application set forth below adjacent to my signature; |
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| | Or | ···. |
| 2. | - | Said application having SC/Serial Number/, and filed on the day of, 20 |
| | Date (| of Execution of Declaration for Patent Application: 1/29/01 |
| | | Richard J. Huang |
| that he | On nally appe ce) to be she/they instrume | Santa Clara Defore me, Winona C. DRANGE, Public, Control of the person of the perso |
| Signat | ture | whona C Grancs Commission # 1127/6:7 Noticity Public — Coffornics Sound Cicro County My Comm. Expires Apr 1, 2001 |
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| • | Or | · · · · · · |
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| | Date | of Execution of Declaration for Patent Application: $\frac{1/29/2001}{}$ |
| | | (4) Sin S. El |
| | - | Simon Chan |
| | | S. S.S.C. |
| State | of(| alitorenia |
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| Oodiii | | 1/29/01 before me, WINANA C. DRANGE, RUBLIC |
| | On | (name and title of officer) |
| perso | nally app | eared JIMM) . Chan, personally known to me (or proved to me on the basis of satisfactory the person(s) whose name(s)(is) are subscribed to the within instrument and acknowledged to me |
| that(h | è/she/the | v executed the same in his/ her/thei r authorized capacity(ies), and that by(his/ her/thei r signature/s) |
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| VAZITALI | ESS much | nand and official seal. |
| 441114 | 1) אייון 202 | WANDHA G. CRANGE |
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| | Or | |
| 2. | - | Said application having SC/Serial Number/, and filed on the day of, 20 |
| | Date (| of Execution of Declaration for Patent Application: <u>Jan. 29, 2001</u> |
| | | (5) Mun Hopper Dawn Hopper |
| evider that be on the | y of On nally appeared to be | Santa Clara Defore me, WINDNA C. DRANCE, Public (name and title of officer) (name and title of offic |
| | *** | ***************** |